Protec P3000(XL) Helium Leak Detector

Wise Technology

Sniffer Leak Detection You Can Rely On



INFICON Protec P3000(XL) Helium Sniffer Leak Detector is specifically designed for full-time sniffing applications in demanding production environments.

FEATURES

- I-Guide operator guiding mode ensures your operator is testing the right locations with the correct technique.
- Improved system design compensates for operator error reducing the potential for missed leaks.
- Multiple alarm functions make sure alarms can not be overlooked.
- Built-in PRO-Check reference leak allows for easy and fast calibration at the production line at any time.
- A small display in the ergonomically-designed probe handle shows the leak rate, so the operator can concentrate on the sniffing process and monitoring the leak rate at the same time.
- Leak rates can be displayed in refrigerant equivalents from a gas library.
- Built-in illumination source of the probe helps precisely position the sniffer tip
- New, low-maintenance sensor yields high reliability and low cost of ownership.
- Automatic standby prevents intake of contaminants into the sniffer probe, thus saving filter and sensor life.
- Operating software is available in many languages.

ORDERING INFORMATION

Type	Protec P3000(XL)
Protec P3000 Helium Leak Detector, 115 V	520-002
Protec P3000 Helium Leak Detector, 230 V	520-001
Protec P3000XL Helium L Detector, 115 V	520-004
Protec P3000XL Helium L Detector, 230 V	520-003

SPECIFICATIONS

Type	Protec P3000(XL)
Min. detectable leak rate Protec P3000	1E-7 mbar l/s
Min. detectable leak rate Protec P3000XL with 300 sccm	1E-7 mbar l/s
Min. detectable leak rate Protec P3000XL with 3000 sccm	1E-6 mbar l/s
Measuring scale Protec P3000	5 decades
Measuring scale Protec P3000XL with 300 sccm	5 decades
Measuring scale Protec P3000XL with 3000 sccm	4 decades
Sensor response time	450 ms
Response time incl. sniffer line	< 0.7 s
Leak rate units	mbar l/s; Pa m3/s; ppm
Refrigerant equivalent leak rates	g/a; oz/yr; lb/yr
Dimensions (width x depth x height)	610 x 265 x 370 mm (24 x 10.4 x 14.6 in)
Weight	27 kg (60 lbs)
Gas flow Protec P3000	300 sccm
Gas flow Protec P3000XL	3000 sccm / 300 sccm
Ambient temperature range	10-45°C (50-113°F)

ACCESSORIES

	Protec P3000(XL)
Adapter for custom SL P3000 / E3000	525-005
Adapter for custom SL Protec P3000XL	521-015
cable 5 m, fits to 551-100	551-102
Connecting cable ext. display unit, 0.7m	551-103
Cover test leak opening P3000/E3000	525-007
Display unit, rack mounting	551-101
Display unit, table top	551-100
Holder for SL3000	525-006
Oil / Water Protection Tip for SL3000XL	521-016
SL3000-10, 10m length	525-003
SL3000-15 for Ecotec E3000, 15m length	525-004
SL3000-3, 3m lengths	525-001
SL3000-5, 5m length	525-002
SL3000XL-10, 10m lengths	521-013
SL3000XL-15, 15m lengths	521-014
SL3000XL-3, 3m lengths	521-011
SL3000XL-5, 5m lengths	521-012
Sniffer probe FT 312	12214
Sniffer probe FT250XL, 250 mm, flexible	521-022
Sniffer probe FT385	12216
Sniffer probe ST200	12218
Sniffer probe ST385	12215
Sniffer tip FT250	12266
Sniffer tip FT312XL, 120 mm, flexible	521-019
Sniffer tip FT385XL, 385 mm, flexible	521-021
Sniffer tip FT600	12209
Sniffer Tip ST 312	12213
Sniffer tip ST312XL, 120 mm, rigid	521-018
Sniffer tip ST385XL, 385 mm, rigid	521-020
Water protection tip for Protec / Ecotec	12246

CONSUMABLES

	Protec P3000(XL)
05Filter pads (25 pcs.) for SL3000XL	521-023
Helium sniffer leak standard S-TL4	12237
Helium sniffer leak standard S-TL5	12238
Helium sniffer leak standard S-TL6	12239
PRO-CHECK reference leak, Helium	521-001
Spare Filter for Oil/Water Protection Ti	521-017
Spare Helium gas cartridge for PRO-Check	521-010

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